Mountain Weather Forecast

Peak District National Park

Forecast valid from 06:00 on Wednesday 20 Sep 2023 until 23:59 on Thursday 21 Sep 2023

Forecast Issued on Wednesday 20 Sep 2023 at 03:00

Confidence: High for a changeable, periodically wet and windy autumnal main theme. High for Saturday being the better of the weekend days weather-wise, with arriving rain detail low confidence into Sunday.

Headline for Wednesday 20 Sep 2023: A wet and windy weather very gradually clearing southeast. Brightest late on.

Mountain weather hazards on Wednesday 20 Sep 2023

Blizzards
No Likelihood

Gales
High Likelihood

Thunderstorms
No Likelihood

Heavy persistent snow
No Likelihood

Severe chill effect
Low Likelihood

Heavy persistent rain
High Likelihood

Storm force winds
No Likelihood

Poor visibility
Medium Likelihood

Strong sunlight
No Likelihood

Weather and chance of precipitation at 600m					
Time					
06:00	09:00	12:00	15:00	18:00	21:00
Heavy Rain	Heavy Rain	Light rain	Cloudy	Clear night	Partly cloudy (night)
Precipitation probability					
60%	90%	60%	30%	20%	20%

Forecast for Wednesday 20 Sep 2023

Weather: Wet and windy to start the day, with gales in exposure coupled with more general prolonged heavy rain and extensive low cloud. These conditions should very gradually edge southeastwards into the afternoon, with a period of drier, cloudy conditions finally giving way to some late sunny spells and perhaps the odd following shower into the evening in the northwest - as winds also ease generally.

Chance of cloud-free hill tops above 600m: 60% improving 90%.

Low cloud and visibility: Blanket around the highest ground during the morning, with ragged patches below this on windward ground, lifting clear in the afternoon and breaking. Visibility moderate improving to very good.

Check our weather forecast every day to get the most accurate and up to date information
https://www.metoffice.gov.uk/weather/specialist-forecasts/mountain
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Mountain Weather Forecast

Forecast for Wednesday 20 Sep 2023

Height (m)	Wind Speed mean/gusts (mph) Wind Direction (blowing from)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	37/46 SW	37/49 S	25/33 SW	24/32 SW	21/31 SW	22/31 SW	19/28 SW
300	29/39 S	30/42 S	20/28 SW	19/27 SW	16/26 SW	15/25 SW	13/21 SW
Valley	16/36 S	19/41 S	12/26 SW	13/26 SW	11/25 SW	9/24 SW	8/20 SW

Height (m)	Temperature / Feels Like (°C)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	13/7	13/7	12/8	11/7	10/7	9/5	8/4
300	15/10	15/10	14/11	14/10	13/10	11/8	10/7
Valley	15/13	15/12	15/13	14/12	13/11	11/9	10/8
Freezing Level*	3000m	3000m	2800m	2000m	1700m	1600m	1600m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

The rain and strength of the wind will mean activities will perhaps be best confined to the lower slopes during the morning. The afternoon will then see gradual improvement.

Recent rainfall: measured at Cat & Fiddle: altitude 511m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
02:00 on Wed 20 Sep 2023	N/A	N/A	N/A

Forecast for Thursday 21 Sep 2023

Weather: A notably colder start than of late. Probably fine at first, with sunny spells joined by isolated heavy or thundery showers, especially on windward slopes, before generally easing later. Probably becoming more generally cloudy during the evening.

Maximum wind: Increasing southwesterly 25mph.

Chance of cloud-free hill tops above 600m: 90%

Low cloud and visibility: Cloud generally clear of peaks. Very good visibility.

Temperature: **Valleys:** Plus 4 becoming 17 degrees Celsius.
At 600m: Plus 10 degrees Celsius.
Freezing level: Well above the peaks.

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